

CLAIMS

1. A method for producing an electrode for an electric double layer capacitor, comprising: a step of mixing a particulate elastomer and a carbonaceous material with each other in a powdery form, thereby obtaining a powdery mixture; and a step of dry-forming the resultant powdery mixture, thereby forming an electrode layer.
2. The production method according to claim 1, wherein the particulate elastomer is an elastomer having a crosslinked structure.
3. The production method according to claim 1, wherein the carbonaceous material comprises activated carbon as an active material.
4. The production method according to claim 3, wherein the carbonaceous material further comprises an electroconductivity additive.
5. The production method according to claim 4, which comprises a step of causing the electroconductivity additive to adhere onto the surface of the active material by mechanochemical treatment.
6. The production method according to claim 1, wherein the powdery mixture is a mixture obtained by fluidized bed granulation or fluidized bed multifunction mode granulation.

7. The production method according to claim 1, wherein the particle diameter of the powdery mixture is from 0.1 to 1000 μm .

8. The production method according to claim 1, wherein the dry-forming is press-molding.

9. The production method according to claim 8, wherein the press-molding is performed inside a mold wherein a current collector is set.

10. The production method according to claim 1, wherein the powdery mixture comprises, in 100 parts by weight thereof, 0.1 to 50 parts by weight of the particulate elastomer and 50 to 99.9 parts by weight of the carbonaceous material.

11. An electrode for an electric double layer capacitor, which is obtained by a production method as claims in claim 1.

12. An electric double layer capacitor, comprising an electrode as claimed in claim 11.